



# Dr. Maria Koutraki

## Curriculum Vitae

### PhD in Computer Science

#### Education

- 2012 - 2016 **PhD in Computer Science**, *University of Paris-Saclay, France.*
- 2009 - 2012 **Master of Science**, *In Computer Science, Computer Science Department, University of Crete, Greece, GPA – 9.0/10.*
- 2004 - 2009 **Bachelor of Science**, *In Computer Science, Computer Science Department, University of Crete, Greece, GPA – 7.48/10.*

#### PhD Thesis

- Title *Approaches Towards Unified Models for Integrating Web Knowledge Bases.*
- Supervisors Professor Dan Vodislav & Associate Professor Nicoleta Preda & Professor Karine Zeitouni.
- Link to thesis [https://www.dropbox.com/s/9vpwff2bjm17q3y/thesis\\_Maria-Koutraki\\_V2.0.pdf?dl=0](https://www.dropbox.com/s/9vpwff2bjm17q3y/thesis_Maria-Koutraki_V2.0.pdf?dl=0)

#### Masters Thesis

- Title *Exploiting Semantic Web Technologies in the Management of a Smart Classroom.*
- Supervisors Professor Dimitris Plexousakis & Professor Grigoris Antoniou.

#### Experience

##### Research

- 2017 - now **Postdoctoral Researcher**, AIFB - KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT) AND FIZ-KARLSRUHE LEIBNIZ INSTITUTE FOR INFORMATION INFRASTRUCTURE, Karlsruhe, Germany (<http://www.aifb.kit.edu/web/Hauptseite/en>) (<https://www.fiz-karlsruhe.de/en.html>).

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- Oct 2012 - **PhD Student**, DAVID LABORATORY AND ETIS LABORATORY, Paris, France 2016 (<http://www.david.uvsq.fr/>) (<http://www-etis.ensea.fr/>).
- April 2012 - **Research Intern**, LABORATOIRE DE RECHERCHE EN INFORMATIQUE, Paris, July 2012 France (<http://www.lri.fr/>), Supervisors: Nathalie Pernelle, Fatiha Sais.
- 2008 - 2012 **Research Assistant**, INFORMATION SYSTEMS LABORATORY, Institute of Computer Science (ICS), Foundation for Research and Technology Hellas (FORTH), Greece (<http://www.ics.forth.gr/>), Supervisors: Prof. Dimitris Plexousakis.
- Teaching**
- Spring 2016 **TeachingAssistant**, INTRODUCTION TO WEB SERVICES, UNIVERSITY OF CERGY-PONTOISE, B.Sc III.
- Spring 2016 **TeachingAssistant**, PROGRAMMING IN C, UNIVERSITY OF CERGY-PONTOISE, B.Sc I.
- Winter 2015 **TeachingAssistant**, ADVANCED DATA BASES, UNIVERSITY OF CERGY-PONTOISE, MASTER II.
- Winter 2015 **TeachingAssistant**, ANDROID PROGRAMMING, UNIVERSITY OF CERGY-PONTOISE, B.Sc III.
- Spring 2011 **TeachingAssistant**, CALCULUS II, UNIVERSITY OF CRETE, B.Sc II.
- Winter 2010 **TeachingAssistant**, PROGRAMMING, UNIVERSITY OF CRETE, B.Sc I.
- Spring 2010 **TeachingAssistant**, DATA STRUCTURES, UNIVERSITY OF CRETE, B.Sc II.
- Winter 2009 **TeachingAssistant**, INTRODUCTION TO COMPUTER SCIENCE, UNIVERSITY OF CRETE, B.Sc I.

## Publications

- 2017 M. Koutraki, N. Preda, D. Vodislav. Online Relation Alignment for Linked Datasets. To appear in Extended Semantic Web Conference, (ESWC), (**Full paper**), 2017, Portoroz, Slovenia.
- 2016 M. Koutraki, N. Preda, D. Vodislav. SOFYA: Semantic on-the-fly Relation Alignment. In International Conference on Extending Database Technology (EDBT), (Short paper) 2016, Bordeaux, France.
- 2015 M. Koutraki, D. Vodislav, N. Preda. Deriving Intensional Descriptions for Web Services. In International Conference on Information and Knowledge Management (CIKM), (**Full paper**), 2015, Melbourne, Australia.
- 2015 M. Koutraki, D. Vodislav, N. Preda. DORIS: Discovering Ontological Relations in Services. In International Semantic Web Conference, (ISWC), (Demo paper), 2015, Bethlehem, Pennsylvania.
- 2015 M. Koutraki, D. Vodislav, N. Preda. Mapping Web Services to Knowledge Bases. In National Conference, Bases des Données Avancées (BDA), (**Full paper**), 2015, Île de Porquerolles, France.
- 2015 M. Koutraki, D. Vodislav, N. Preda. DORIS: Discovering Ontological Relations in Services. In National Conference, Bases des Données Avancées (BDA), (**Best Demo award**), 2015, Île de Porquerolles, France.

- 2013 N. Pernelle, F. Sais, B. Safar, M. Koutraki, T. Ghosh. Decouverte de liens d'identite entre instances decrites par des ontologies partiellement alignees. In National Conference on Plate-forme de l'intelligence Artificielle (PFIA), 2013, Lille, France.
- 2013 N. Pernelle, F. Sais , B. Safar, M. Koutraki, T. Ghosh. N2R-Part: Identity Link Discovery using Partially Aligned Ontologies. In International Workshop on Open Data (WOD), 2013, Paris, France.
- 2012 M. Koutraki, V. Efthymiou, G. Antoniou. S-CRETA: Smart Classroom Real-Time Assistance. In Ambient Intelligence - Software and Applications, (ISAmi), 2012, Salamanca, Spain

## Invited Talks

- Oct 2016 "Approaches Towards Unified Modles for Integrating Web Knowledge Bases", Telecom ParisTech, Paris, France. Invited by: Prof. Fabian Suchanek
- June 2016 "Uniformly Accessing Online Datasets", LIRIS Research Lab, Lyon, France. Invited by: Prof. Angela Bonifati

## Scholarships

- 2012 - 2015 PhD scholarship from PATRIMA foundation, France
- 2012 Laboratoire de Recherche en Informatique (LRI), Paris, France
- 2009 - 2012 Institute of Computer Science of Foundation for Research and Technology Hellas (ICS-FORTH)

## Scientific Interests

Semantic Web, Web Data Integration, Ontology Alignment, Web Services, Knowledge Representation, Information Extraction, Semantic Data Management

## Languages

- English **Professional**
- French **Basic**
- Greek **Mother tongue**